

**BALANCING SYSTEM WITH ADJUSTABLE ECCENTRIC RINGS
FOR A DISC DRIVE**

5 **ABSTRACT OF THE DISCLOSURE**

 A balancing system for a spindle assembly for compensating for
dynamic imbalance of the spindle assembly. The spindle assembly includes a
rotor rotatable about a shaft. The rotor includes a plurality of radially concentric
channels supporting adjustable eccentric rings for dynamically balancing the
10 spindle assembly. The spindle assembly is balanced by adjusting the balanced
of eccentric rings assembled with the spindle assembly based upon a measured
balance of the spindle assembly and the eccentric rings.